



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agrl Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., July 11, 2011

15-11

AGRICULTURAL NEWS: A stationary front was stretched across the State for most of this past week. This provided isolated showers and thunderstorms and near normal temperatures. The front finally moved out of the State by the end of the week, which brought heavy rainfall to isolated parts of the State. Rainfall totaled 1.36 inches statewide, 0.37 inches above normal. Temperatures averaged 77 degrees, 1 degree warmer than normal, and 2 degrees warmer than the previous week. **Topsoil moisture** was rated 1 percent very short, 10 percent short, 78 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 8 percent short, 82 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible 7. Major farming activities included finishing the wheat harvest and cutting hay.

ROW CROPS: **Corn** tasseling was 43 percent complete as of Sunday July 10, compared to 70 percent previous year and five year average of 50 percent. Corn silking was 27 percent complete by the end of the week, compared with 66 percent last year and the five year average of 55 percent. Corn condition was rated 2 percent poor, 18 percent fair, 51 percent good, and 29 percent excellent. **Soybeans** emerged was reported at 94 percent, trailing last year and the five year average of 99 percent. Seventeen percent of the soybeans were reported as blooming, behind last year's 47 percent and the five year average of 27 percent. The emerged soybean conditions were rated as 1 percent very poor, 2 percent poor, 17 percent fair, 58 percent good, and 22 percent excellent.

TOBACCO: Tobacco set condition was 1 percent very poor, 3 percent poor, 24 percent fair, 54 percent good, and 18 percent excellent. Twenty-eight percent of tobacco plants in the field were under 12

inches in height, with 41 percent between 12-24 inches in height, and 31 percent of the set tobacco was over 24 inches in height.

SMALL GRAINS: As of July 10, 95 percent of the wheat had been harvested, compared to 99 percent last year and 97 percent for the five year average. Wheat harvest is completed or is near completion.

OTHER CROPS AND PASTURE: Pasture conditions improved slightly with 1 percent report as very poor, 4 percent poor, 21 percent fair, 59 percent good, and 15 percent excellent.

CROP PROGRESS for week ending 07/10/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Tasseling	43	28	70	50
Corn Silking	27	17	66	55
Soybeans Emerged	94	85	99	99
Soybeans Blooming	17	7	47	27
Wheat Harvested	95	85	99	97

SOIL MOISTURE for week ending 07/10/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	10	78	11
Subsoil	0	8	82	10

CROP CONDITIONS for week ending 07/10/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	2	18	51	29
Soybeans	1	2	17	58	22
Pasture	1	4	21	59	15
Tobacco Set	1	3	24	54	18

KENTUCKY WEATHER SUMMARY, JULY 4 - 10, 2011:

Above Normal Temperature and Above Normal Rainfall:

A stationary front was stretched across the state for most of this past week. This provided isolated showers and thunderstorms and near normal temperatures. Friday the front finally moved out of the state, which brought heavy rainfall to isolated parts of the state.

Temperatures for the period averaged 77 degrees across the state which was 1 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 85 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at Poplar Bluff and the extreme low was 61 degrees at Cynthiana.

Rainfall for the period totaled 1.36 inches statewide which was 0.37 inches above normal and 138% of normal. Rainfall totals by climate division, West 1.59 inches, Central 1.38 inches, Bluegrass 1.19 inches and East 1.28 inches, which was 0.6, 0.39, 0.23 and 0.27 inches above normal. By station, rainfall totals ranged from a low of 0.17 inches at Munfordville to a high of 4.01 inches at Morganfield.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 10, 7:00 P.M.

	Rainfall			Dev. From		Air Temperature				Growing Degree Days		
	=====			=====		=====				=====		
Weather Station	Last Week	Since April 1	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	Hi	Lo	Wkly. Avg.	Dev. From Norm	Last Week	Since April 1	Since Dev.
	(Inches)			(Degrees F)								
Bardstown	0.57	30.64	6.80	+17.02	+2.99	91	61	76.9	+1	181	1818	+153
Berea	1.99	21.41	6.19	+6.96	+2.39	90	63	75.2	+0	171	1697	-9
Bowling Gree	1.03	26.49	8.04	+11.53	+4.01	93	69	79.7	+4	194	1996	+260
Bristol	0.21	14.10	3.24	+1.97	-0.28	92	64	79.0	+4	186	1865	+301
Buckhorn Lak	0.94	24.55	6.47	+10.98	+2.42	88	63	74.4	-1	168	1643	+149
Cape Girarde	0.58	33.94	5.51	+19.71	+2.29	96	68	80.1	+2	195	1946	+129
Campbellsvil	0.92	23.59	4.29	+7.77	+0.06	90	64	76.1	+0	176	1759	+83
Covington	1.23	30.54	5.27	+17.30	+1.60	91	65	77.7	+3	184	1669	+155
Cumberland G	0.23	20.64	5.80	+5.79	+1.54	90	66	77.2	+2	186	1811	+277
Dix Dam	0.61	21.98	3.26	+7.75	-0.54	91	63	76.6	+2	176	1748	+83
Evansville	4.11	30.47	10.08	+16.91	+6.68	92	67	79.3	+2	189	1885	+169
Glasgow	1.75	22.25	5.46	+6.33	+0.99	90	67	77.6	+2	186	1872	+226
Grayson	2.82	24.62	6.47	+11.32	+2.60	89	62	74.9	-0	170	1640	+207
Hardinsburg	2.89	33.75	8.62	+19.24	+4.81	89	65	76.4	+0	179	1798	+62
Henderson	3.49	29.49	9.07	+15.57	+5.48	91	67	77.6	-0	185	1881	+135
Huntington	0.39	22.12	2.74	+8.97	-1.07	92	65	78.4	+3	184	1834	+290
Jackson	1.86	24.24	5.89	+10.15	+1.90	90	65	76.1	+1	176	1770	+276
Lexington	2.35	24.70	5.11	+11.08	+1.30	91	63	76.3	+1	174	1704	+160
London	1.32	23.05	5.96	+9.71	+2.25	91	65	76.3	+1	180	1761	+227
Louisville	0.48	29.40	7.16	+15.64	+3.63	92	71	80.4	+4	199	2014	+298
Mayfield	0.75	27.00	6.46	+12.12	+2.99	94	68	78.4	+1	189	1966	+169
Nashville	1.89	18.81	6.89	+4.71	+3.47	92	67	79.9	+4	191	1942	+95
Nolin Lake	0.91	31.24	6.26	+15.68	+2.28	90	65	76.6	+1	180	1787	+192
Paducah	0.48	32.11	7.27	+16.76	+3.49	94	69	79.6	+2	193	1989	+182
Princeton	0.54	28.51	5.08	+13.52	+1.39	93	66	77.8	+0	184	1915	+139
Quicksand	0.51	22.38	2.65	+8.29	-1.34	91	65	76.4	+1	177	1750	+256
Somerset	1.80	22.24	5.89	+7.00	+1.77	90	64	75.5	+0	174	1709	+84
Spindletop	3.15	24.89	5.60	+11.27	+1.79	91	64	76.2	+1	176	1691	+147
Williamstown	0.55	26.34	3.86	+12.55	+0.14	89	64	75.6	+1	173	1640	+96

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>